

Project Timeline: Clearwater River Floodplain Maps Update

Estimated Timeframes

Completed	Completed	2020	*Preliminary Maps issued January 28, 2021 Mid 2021 comment appeals	2022 (estimated)
Measurements are made of the topography around the river, along with any culverts, bridges, and road crossings. LiDAR uses an airplane to collect ground elevation over a large area, and ground survey supplements the airborne data. Flood flow data determine how much water there will be in a river during a flood event.	The elevation and survey data are combined with the flood flow data to determine where the water will go when it overflows the channel and how far it will spread out. The area shown to be underwater and at high risk is mapped as the regulatory floodplain.	Draft data is delivered to the communities. Public review of the draft data.	FEMA Preliminary Maps are produced and ready for public review and comment period. A virtual public open house will be held on March 18, 2021. A 90-day official comment & appeal period will be held in mid 2021.	FEMA Flood Insurance Rate Maps finalized.
Data gathering	Engineering and floodplain modeling	Draft Data available public review	Preliminary Data public comment and appeal period	Flood Insurance Rate Maps become effective

Flood Study Conducted

4 steps of a flood study.

- 1) Survey & LiDAR
- 2) Hydrology (flood flow)
- 3) Hydraulics (engineering)
- 4) Mapping (delineation)

Public Review

A public open houses is usually held during this time. Due to COVID-19 public open houses will be held virtual.

Public comments are encouraged after review of the data. There will be an official 90-day appeal period after the maps become preliminary.

Resiliency and Mitigation efforts

Once new maps become effective the community can determine what mitigation efforts it would like to pursue to reduce flood risks.